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OM protein - protein search, using sw model

Run on: December 10, 2002, 11:37:12 ; Search time 9.14286 Seconds
(without alignments)
25.745 Million cell updates/sec

Title: US-09-872-623-6
Perfect score: 45
Sequence: 1 EMTFVNP 8

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 132970

Minimum DB seq length: 0
Maximum DB seq length: 20

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database

Issued Patents AA:*

- 1: /cgn2.6/ptodata/1/1aa/5A_COMB.pep:*
- 2: /cgn2.6/ptodata/1/1aa/5B_COMB.pep:*
- 3: /cgn2.6/ptodata/1/1aa/6A_COMB.pep:*
- 4: /cgn2.6/ptodata/1/1aa/6B_COMB.pep:*
- 5: /cgn2.6/ptodata/1/1aa/PCTUS_COMB.pep:*
- 6: /cgn2.6/ptodata/1/1aa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	45	100.0	8	1	US-08-636-386-4
2	45	100.0	8	5	PCT-US95-13848-4
3	45	100.0	10	1	US-08-636-386-5
4	45	100.0	10	5	PCT-US95-13848-5
5	29	64.4	14	1	US-08-460-874A-1
6	29	64.4	14	2	US-08-388-883B-1
7	29	64.4	14	4	US-08-462-211A-1
8	29	64.4	14	4	US-08-460-874A-1
9	29	64.4	19	1	US-08-388-883B-10
10	29	64.4	19	2	US-08-462-211A-10
11	29	64.4	20	4	US-08-935-009A-5
12	28	62.2	16	4	US-09-294-457-5
13	28	62.2	18	2	US-08-759-599-5
14	28	62.2	19	4	US-08-937-067-19
15	27	60.0	15	1*	US-07-965-667A-19
16	27	60.0	15	3	US-08-484-819-19
17	27	60.0	15	5	PCT-US93-10197-19
18	26	57.8	12	2	US-08-934-222-25
19	26	57.8	12	2	US-08-933-402-25
20	26	57.8	12	2	US-09-207-621-25
21	26	57.8	12	2	US-08-532-818-25
22	26	57.8	12	3	US-09-231-797-25
23	26	57.8	12	3	US-08-934-224-25
24	26	57.8	12	3	US-08-933-843-25
25	26	57.8	12	4	US-08-934-223-25
26	26	57.8	12	4	US-09-413-492-25
27	26	57.8	14	2	US-08-574-959A-12

28	26	57.8	14	4	US-09-357-014-12	Sequence 12, Appl
29	26	57.8	19	4	US-09-636-735A-13	Sequence 13, Appl
30	26	57.8	19	4	US-09-441-502B-93	Sequence 93, Appl
31	26	57.8	19	4	US-09-441-502B-94	Sequence 94, Appl
32	25	55.6	6	6	5194592-28	Patent No. 5194592
33	25	55.6	7	6	5194592-74	Patent No. 5194592
34	25	55.6	9	1	US-08-178-570-36	Sequence 36, Appl
35	25	55.6	9	3	US-08-369-643-36	Sequence 36, Appl
36	25	55.6	9	5	PCT-US95-00147-36	Patent No. 5194592
37	25	55.6	9	6	5194592-44	Sequence 115, App
38	25	55.6	16	1	US-07-942-245-115	Sequence 116, App
39	25	55.6	16	1	US-07-942-245-116	Sequence 39, Appl
40	25	55.6	18	4	US-09-250-609-39	Patent No. 5218099
41	24	53.3	7	6	5194592-17	Sequence 33, Appl
42	24	53.3	8	6	5218099-17	Sequence 20, Appl
43	24	53.3	9	5	PCT-US93-11703-33	Sequence 30, Appl
44	24	53.3	10	2	US-08-704-653-20	
45	24	53.3	11	4	US-08-960-190A-30	

ALIGNMENTS

RESULT 1

US-08-636-386-4
; Sequence 4, Application US/08636386
; Patent No. 5707963
; GENERAL INFORMATION:
; APPLICANT: Mizejewski, Gerald J.
; TITLE OF INVENTION: GROWTH INHIBITORY PEPTIDE AND METHODS OF
; TITLE OF INVENTION: USING SAME
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP
; STREET: Clinton Square, P.O. Box 1051
; CITY: Rochester
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 14603-1051
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/636,386
; FILING DATE: 23-APR-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/329,506
; FILING DATE: 26-OCT-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/13848
; FILING DATE: 25-OCT-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Timian, Susan
; REGISTRATION NUMBER: 34,103
; REFERENCE/DOCKET NUMBER: 20894/42
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (716) 263-1634
; TELEFAX: (716) 263-1600
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 8 amino acids
; TYPE: amino acid
; STRANDEDNESS: not relevant
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-636-386-4

Query Match 100.0% Score 45; DB 1; Length 8;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EMTFVNPG 8
 Db 1 EMTFVNPG 8

RESULT 2

PCT-US95-13848-4
 ; Sequence 4, Application PC/TUS9513848
 ; GENERAL INFORMATION:
 ; APPLICANT: HEALTH RESEARCH, INCORPORATED and MIZEJEWSKI, Gerald J.
 ; TITLE OF INVENTION: GROWTH INHIBITORY PEPTIDE AND METHODS OF
 ; NUMBER OF SEQUENCES: 11
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP
 ; STREET: P.O. Box 1051, Clinton Square
 ; CITY: Rochester
 ; STATE: New York
 ; COUNTRY: USA
 ; ZIP: 14603
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: PCT/US95/13848
 ; FILING DATE: 26-OCT-1994
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 08/329,506
 ; FILING DATE: 26-OCT-1994
 ; NAME: Timian, Susan J.
 ; REGISTRATION NUMBER: 34,103
 ; REFERENCE/DOCKET NUMBER: 20894/41
 ; TELEPHONE: 716-263-1636
 ; TELEFAX: 716-263-1600
 ; INFORMATION FOR SEQ ID NO: 4:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 8 amino acids
 ; TYPE: amino acid
 ; STRANDEDNESS: not relevant
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: peptide
 ; PCT-US95-13848-4

Query Match 100.0%; Score 45; DB 5; Length 8;
 Best Local Similarity 100.0%; Pred. No. 2e+05;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EMTFVNPG 8
 Db 1 EMTFVNPG 8

RESULT 3

US-08-636-386-5
 ; Sequence 5, Application US/08636386
 ; Patent No. 5707963
 ; GENERAL INFORMATION:
 ; APPLICANT: Mizejewski, Gerald J.
 ; TITLE OF INVENTION: GROWTH INHIBITORY PEPTIDE AND METHODS OF
 ; NUMBER OF SEQUENCES: 11
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP
 ; STREET: Clinton Square, P.O. Box 1051
 ; CITY: Rochester
 ; STATE: New York
 ; COUNTRY: U.S.A.

ZIP: 14603-1051
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/636,386
 ; FILING DATE: 23-APR-1996
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 08/329,506
 ; FILING DATE: 26-OCT-1994
 ; NAME: Timian, Susan
 ; REGISTRATION NUMBER: 34,103
 ; REFERENCE/DOCKET NUMBER: 20894/42
 ; TELEPHONE: (716) 263-1634
 ; TELEFAX: (716) 263-1600
 ; INFORMATION FOR SEQ ID NO: 5:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 10 amino acids
 ; TYPE: amino acid
 ; STRANDEDNESS: not relevant
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: peptide
 ; US-08-636-386-5

Query Match 100.0%; Score 45; DB 1; Length 10;
 Best Local Similarity 100.0%; Pred. No. 0.051;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EMTFVNPG 8
 Db 2 EMTFVNPG 9

RESULT 4

PCT-US95-13848-5
 ; Sequence 5, Application PC/TUS9513848
 ; GENERAL INFORMATION:
 ; APPLICANT: HEALTH RESEARCH, INCORPORATED and MIZEJEWSKI, Gerald J.
 ; TITLE OF INVENTION: GROWTH INHIBITORY PEPTIDE AND METHODS OF
 ; NUMBER OF SEQUENCES: 11
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP
 ; STREET: P.O. Box 1051, Clinton Square
 ; CITY: Rochester
 ; STATE: New York
 ; COUNTRY: USA
 ; ZIP: 14603
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: PCT/US95/13848
 ; FILING DATE:
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 08/329,506
 ; FILING DATE: 26-OCT-1994
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Timian, Susan J.
 ; REGISTRATION NUMBER: 34,103
 ; REFERENCE/DOCKET NUMBER: 20894/41
 ; TELECOMMUNICATION INFORMATION:

TELEPHONE: 716-263-1636
TELEFAX: 716-263-1600
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 amino acids
TYPE: amino acid
STRANDEDNESS: not relevant
TOPOLOGY: linear
MOLECULE TYPE: peptide
PCT-US95-13848-5

Query Match 100.0%; Score 45; DB 5; Length 10;
Best Local Similarity 100.0%; Pred. No. 0.051;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EMTVPNG 8
Db 2 EMTVPNG 9

RESULT 5
US-08-460-874A-41
; Sequence 41, Application US/08460874A
; Patent No. 5744298
; GENERAL INFORMATION:
; APPLICANT: Stuber, Werner
; APPLICANT: Wiczorek, Leszek
; APPLICANT: Ziegelmaier, Robert
; TITLE OF INVENTION: HCMV-Specific Peptides, Agents Therefor
; TITLE OF INVENTION: and the Use Thereof
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; ADDRESSEE: Dunner
; STREET: 1300 I Street, N.W., Suite 700
; CITY: Washington,
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3315

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/460,874A
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/936,219
FILING DATE: 27-AUG-1992
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: DE P4128684.7
FILING DATE: 29-AUG-1991
NAME: Forman, David S.
REGISTRATION NUMBER: 33,694
REFERENCE/DOCKET NUMBER: 05552-1210-04000
TELEPHONE: 202-408-4000
TELEFAX: 202-408-4000

INFORMATION FOR SEQ ID NO: 41:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-460-874A-41

Query Match 64.4%; Score 29; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 35;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 TPVNP 7
Db 5 TPVNP 9

RESULT 6
US-08-388-883B-41
; Sequence 41, Application US/08388883B
; Patent No. 5859185
; GENERAL INFORMATION:
; APPLICANT: Stuber, Werner
; APPLICANT: Wiczorek, Leszek
; APPLICANT: Ziegelmaier, Robert
; TITLE OF INVENTION: HCMV-Specific Peptides, Agents Therefor
; TITLE OF INVENTION: and the Use Thereof
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; ADDRESSEE: Dunner L.L.P.
; STREET: 1300 I Street, N.W., Suite 700
; CITY: Washington,
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3315

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/388,883B
FILING DATE: 13-FEB-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/300,305
FILING DATE: 23-FEB-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/936,219
FILING DATE: 27-AUG-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: DE P4128684.7
FILING DATE: 29-AUG-1991
NAME: Forman, David S.
REGISTRATION NUMBER: 33,694
REFERENCE/DOCKET NUMBER: 5552-1210-02000
TELEPHONE: 202-408-4000
TELEFAX: 202-408-4000

INFORMATION FOR SEQ ID NO: 41:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-388-883B-41

Query Match 64.4%; Score 29; DB 2; Length 14;
Best Local Similarity 100.0%; Pred. No. 35;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 TPVNP 7
Db 5 TPVNP 9

RESULT 7
US-08-462-211A-41
; Sequence 41, Application US/08462211A
; Patent No. 6143493
; GENERAL INFORMATION:
; APPLICANT: Stuber, Werner

APPLICANT: Wlaczorek, Leszek
APPLICANT: Ziegelmaler, Robert
TITLE OF INVENTION: HCMV-Specific Peptides, Agents Therefor
NUMBER OF SEQUENCES: 49
CORRESPONDENCE ADDRESS:
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
ADDRESSEE: Dunner L.L.P.
STREET: 1300 I Street, N.W., Suite 700
CITY: Washington,
STATE: D.C.
COUNTRY: USA
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/462,211A
FILING DATE: 05-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/388,883
FILING DATE: 13-FEB-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/300,305
FILING DATE: 23-FEB-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/936,219
FILING DATE: 27-AUG-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: DE P4128684.7
FILING DATE: 29-AUG-1991
NAME: Forman, David S.
REGISTRATION NUMBER: 33,694
REFERENCE/DOCKET NUMBER: 5552.1210-03000
TELEPHONE: 202-408-4000
TELEFAX: 202-408-4400
INFORMATION FOR SEQ ID NO: 41:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-462-211A-41

Query Match 64.4%; Score 29; DB 4; Length 14;
Best Local Similarity 100.0%; Pred. No. 35;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 TPVNP 7
DB 5 TPVNP 9

RESULT 8
US-08-460-874A-10
Sequence 10, Application US/08460874A
Patent No. 5744298
GENERAL INFORMATION:
APPLICANT: Stuber, Werner
APPLICANT: Wlaczorek, Leszek
TITLE OF INVENTION: HCMV-Specific Peptides, Agents Therefor
NUMBER OF SEQUENCES: 49
CORRESPONDENCE ADDRESS:
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
ADDRESSEE: Dunner
STREET: 1300 I Street, N.W., Suite 700
CITY: Washington,

STATE: D.C.
COUNTRY: USA
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/460,874A
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/936,219
FILING DATE: 27-AUG-1992
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: DE P4128684.7
FILING DATE: 29-AUG-1991
NAME: Forman, David S.
REGISTRATION NUMBER: 33,694
REFERENCE/DOCKET NUMBER: 05552-1210-04000
TELEPHONE: 202-408-4000
TELEFAX: 202-408-4400
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-460-874A-10

Query Match 64.4%; Score 29; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 48;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 TPVNP 7
DB 15 TPVNP 19

RESULT 9
US-08-388-883B-10
Sequence 10, Application US/08388883B
Patent No. 5859185
GENERAL INFORMATION:
APPLICANT: ST BER, Werner
APPLICANT: Wlaczorek, Leszek
TITLE OF INVENTION: HCMV-Specific Peptides, Agents Therefor
NUMBER OF SEQUENCES: 49
CORRESPONDENCE ADDRESS:
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
ADDRESSEE: Dunner L.L.P.
STREET: 1300 I Street, N.W., Suite 700
CITY: Washington,
STATE: D.C.
COUNTRY: USA
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/388,883B
FILING DATE: 13-FEB-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/300,305

;; FILING DATE: 23-FEB-1994
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 07/936,219
;; FILING DATE: 27-AUG-1992
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: DE P4128684.7
;; FILING DATE: 29-AUG-1991
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Forman, David S.
;; REGISTRATION NUMBER: 33,694
;; REFERENCE/DOCKET NUMBER: 5552-1210-02000
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 202-408-4000
;; TELEFAX: 202-408-4400
;; INFORMATION FOR SEQ ID NO: 10:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 19 amino acids
;; TYPE: amino acid
;; TOPOLOGY: linear
;; MOLECULE TYPE: peptide
US-08-388-883B-10

Query Match 64.4%; Score 29; DB 2; Length 19;
Best Local Similarity 100.0%; Pred. No. 48;
Matches 5; Conservative 0; Mismatches 0; Gaps 0;

QY 3 TPVNP 7
Db 15 TPVNP 19

RESULT 10
US-08-462-211A-10
; Sequence 10, Application US/08462211A
; Patent No. 6143493
; GENERAL INFORMATION:
; APPLICANT: Stuber, Werner
; APPLICANT: Wleczorek, Leszek
; APPLICANT: Ziegelmayer, Robert
; TITLE OF INVENTION: HCMV-Specific Peptides, Agents Therefor
; TITLE OF INVENTION: and the Use Thereof
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; ADDRESSEE: Dunner L.L.P.
; STREET: 1300 I Street, N.W., Suite 700
; CITY: Washington,
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/462,211A
; FILING DATE: 05-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/388,883
; FILING DATE: 13-FEB-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/300,305
; FILING DATE: 23-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/936,219
; FILING DATE: 27-AUG-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE P4128684.7
; FILING DATE: 29-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Forman, David S.
; REGISTRATION NUMBER: 33,694

;; REFERENCE/DOCKET NUMBER: 5552-1210-03000
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 202-408-4000
;; TELEFAX: 202-408-4400
;; INFORMATION FOR SEQ ID NO: 10:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 19 amino acids
;; TYPE: amino acid
;; TOPOLOGY: linear
;; MOLECULE TYPE: peptide
US-08-462-211A-10

Query Match 64.4%; Score 29; DB 4; Length 19;
Best Local Similarity 100.0%; Pred. No. 48;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 TPVNP 7
Db 15 TPVNP 19

RESULT 11
US-08-935-009A-5
; Sequence 5, Application US/08935009A
; Patent No. 6177241
; GENERAL INFORMATION:
; APPLICANT: Maine, Gregory T.
; TITLE OF INVENTION: USE OF PEPTIDES TO IMPROVE
; TITLE OF INVENTION: SPECIFICITY OF AN ENZYME IMMUNOASSAY FOR
; TITLE OF INVENTION: THE DETECTION OF HERPESVIRUS SPECIFIC IGM ANTIBODY
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Abbott Laboratories
; STREET: 100 Abbott Park Road
; CITY: Abbott Park
; STATE: IL
; COUNTRY: USA
; ZIP: 60064
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/935,009A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Weinstein, David L.
; REGISTRATION NUMBER: 28,128
; REFERENCE/DOCKET NUMBER: 6186.US.01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 847-937-6182
; TELEFAX: 847-938-2623
; TELEX:
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: No. 6177241e
US-08-935-009A-5

Query Match 64.4%; Score 29; DB 4; Length 20;
Best Local Similarity 100.0%; Pred. No. 51;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 TPVNP 7
Db 15 TPVNP 19

and

APPLICANT: Fields, Howard A.
 APPLICANT: Favorov, Michael O.
 APPLICANT: Khudyakov, Yuri E.
 TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DETECTING
 NUMBER OF SEQUENCES: 20
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: NEEDLE & ROSENBERG, P.C.
 STREET: 133 Carnegie Way, N.W., Suite 400
 CITY: Atlanta
 STATE: Georgia
 COUNTRY: USA
 ZIP: 30303
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/07/965,667A
 FILING DATE:
 CLASSIFICATION: 514
 ATTORNEY/AGENT INFORMATION:
 NAME: Spratt, Gwendolyn D.
 REGISTRATION NUMBER: P36,016
 REFERENCE/DOCKET NUMBER: 1414,022
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (404) 688-0770
 TELEFAX: (404) 688-9880
 INFORMATION FOR SEQ ID NO: 19:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 US-07-965-667A-19

Query Match 60.0%; Score 27; DB 1; Length 15;
 Best Local Similarity 57.1%; Fred. NO. 82;
 Matches 4; Conservative 2; Mismatches 1; Indels 0; Gaps 0;
 QY 2 MTPVNPQ 8
 Db 7 MSPLRPG 13

Search completed: December 10, 2002, 11:44:01
 Job time : 9.14286 secs

GenCore version 5.1.3
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OM protein - protein search, using sw model

Run on: December 10, 2002, 11:37:12 ; Search time 9.14286 Seconds
(without alignments)
25.745 Million cell updates/sec

Title: US-09-872-623-10
Perfect score: 45
Sequence: 1 EMTVPNFG 8

Scoring table: BLOSUM62
Gapop 10.0, Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 132970

Minimum DB seq length: 0
Maximum DB seq length: 20

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_AA:*
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4: /cgn2_6/ptodata/1/iaa/6B_COMB.pep.*
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6: /cgn2_6/ptodata/1/iaa/backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	45	100.0	8	1	US-08-636-386-4
2	45	100.0	8	5	PCT-US95-13848-4
3	45	100.0	10	1	US-08-636-386-5
4	45	100.0	10	5	PCT-US95-13848-5
5	29	64.4	14	1	US-08-460-874A-1
6	29	64.4	14	2	US-08-388-883B-1
7	29	64.4	14	4	US-08-462-211A-1
8	29	64.4	14	4	US-08-460-874A-10
9	29	64.4	19	2	US-08-388-883B-10
10	29	64.4	19	4	US-08-462-211A-10
11	29	64.4	20	4	US-08-935-009A-5
12	28	62.2	16	4	US-09-294-457-5
13	28	62.2	18	2	US-08-759-599-5
14	28	62.2	19	4	US-08-937-067-19
15	27	60.0	15	1	US-07-965-667A-19
16	27	60.0	15	3	US-08-484-819-19
17	27	60.0	15	5	PCT-US93-10197-19
18	26	57.8	12	2	US-08-934-222-25
19	26	57.8	12	2	US-08-933-402-25
20	26	57.8	12	2	US-09-207-621-25
21	26	57.8	12	2	US-08-532-818-25
22	26	57.8	12	3	US-09-231-797-25
23	26	57.8	12	3	US-08-934-224-25
24	26	57.8	12	3	US-08-933-843-25
25	26	57.8	12	4	US-08-934-223-25
26	26	57.8	12	4	US-09-413-492-25
27	26	57.8	14	2	US-08-574-959A-12

Sequence 12, Appl
Sequence 13, Appl
Sequence 93, Appl
Sequence 94, Appl
Patent No. 5194592
Patent No. 5194592
Sequence 36, Appl
Sequence 36, Appl
Patent No. 5194592
Sequence 115, App
Sequence 116, App
Sequence 39, Appl
Patent No. 5194592
Patent No. 5218099
Sequence 33, Appl
Sequence 20, Appl
Sequence 30, Appl

ALIGNMENTS

RESULT 1
US-08-636-386-4
; Sequence 4, Application US/08636386
; Patent No. 5707963
; GENERAL INFORMATION:
; APPLICANT: Mizejewski, Gerald J.
; TITLE OF INVENTION: GROWTH INHIBITORY PEPTIDE AND METHODS OF
; TITLE OF INVENTION: USING SAME
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP
; STREET: Clinton Square, P.O. Box 1051
; CITY: Rochester
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 14603-1051
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/636,386
; FILING DATE: 23-APR-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/329,506
; FILING DATE: 26-OCT-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/13848
; FILING DATE: 25-OCT-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Timian, Susan
; REGISTRATION NUMBER: 34,103
; REFERENCE/DOCKET NUMBER: 20894/42
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (716) 263-1634
; TELEFAX: (716) 263-1600
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 8 amino acids
; TYPE: amino acid
; STRANDEDNESS: not relevant
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; US-08-636-386-4

Query Match 100.0%; Score 45; DB 1; Length 8;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EMTVPNG 8
| | | | |
Db 1 EMTVPNG 8

RESULT 2

PCT-US95-13848-4
; Sequence 4, Application PC/TUS9513848
; GENERAL INFORMATION:
; APPLICANT: HEALTH RESEARCH, INCORPORATED and MIZEJEWSKI, Gerald J.
; TITLE OF INVENTION: GROWTH INHIBITORY PEPTIDE AND METHODS OF
; TITLE OF INVENTION: USING SAME
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP
; STREET: P.O. Box 1051, Clinton Square
; CITY: Rochester
; STATE: New York
; COUNTRY: USA
; ZIP: 14603
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/13848
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/329,506
; FILING DATE: 26-OCT-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Timian, Susan J.
; REGISTRATION NUMBER: 34,103
; REFERENCE/DOCKET NUMBER: 20894/41
; TELEPHONE: 716-263-1636
; TELEFAX: 716-263-1600
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 8 amino acids
; TYPE: amino acid
; STRANDEDNESS: not relevant
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
PCT-US95-13848-4

Query Match 100.0%; Score 45; DB 5; Length 8;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EMTVPNG 8
| | | | |
Db 1 EMTVPNG 8

RESULT 3

US-08-636-386-5
; Sequence 5, Application US/08636386
; Patent No. 5707963
; GENERAL INFORMATION:
; APPLICANT: Mizejewski, Gerald J.
; TITLE OF INVENTION: GROWTH INHIBITORY PEPTIDE AND METHODS OF
; TITLE OF INVENTION: USING SAME
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP
; STREET: Clinton Square, P.O. Box 1051
; CITY: Rochester
; STATE: New York
; COUNTRY: U.S.A.

ZIP: 14603-1051
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/636,386
; FILING DATE: 23-APR-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/329,506
; FILING DATE: 26-OCT-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/13848
; FILING DATE: 25-OCT-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Timian, Susan
; REGISTRATION NUMBER: 34,103
; REFERENCE/DOCKET NUMBER: 20894/42
; TELEPHONE: (716) 263-1634
; TELEFAX: (716) 263-1600
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 amino acids
; TYPE: amino acid
; STRANDEDNESS: not relevant
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-636-386-5

Query Match 100.0%; Score 45; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 0.051;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EMTVPNG 8
| | | | |
Db 2 EMTVPNG 9

RESULT 4

PCT-US95-13848-5
; Sequence 5, Application PC/TUS9513848
; GENERAL INFORMATION:
; APPLICANT: HEALTH RESEARCH, INCORPORATED and MIZEJEWSKI, Gerald J.
; TITLE OF INVENTION: GROWTH INHIBITORY PEPTIDE AND METHODS OF
; TITLE OF INVENTION: USING SAME
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP
; STREET: P.O. Box 1051, Clinton Square
; CITY: Rochester
; STATE: New York
; COUNTRY: USA
; ZIP: 14603
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/13848
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/329,506
; FILING DATE: 26-OCT-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Timian, Susan J.
; REGISTRATION NUMBER: 34,103
; REFERENCE/DOCKET NUMBER: 20894/41
; TELECOMMUNICATION INFORMATION:

0;

TELEPHONE: 716-263-1636
TELEFAX: 716-263-1600
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 amino acids
TYPE: amino acid
STRANDEDNESS: not relevant
TOPOLOGY: linear
MOLECULE TYPE: peptide
PCT-US95-13848-5

Query Match 100.0%; Score 45; DB 5; Length 10;
Best Local Similarity 100.0%; Pred. No. 0.051;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EMPVNPNG 8
Db 2 EMPVNPNG 9

RESULT 5
US-08-460-874A-41
; Sequence 41, Application US/08460874A
; Patent No. 5744298
; GENERAL INFORMATION:
; APPLICANT: Stuber, Werner
; APPLICANT: Wieczorek, Leszek
; TITLE OF INVENTION: HCMV-Specific Peptides, Agents Therefor
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; ADDRESSEE: Dunner
; STREET: 1300 I Street, N.W., Suite 700
; CITY: Washington,
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/460,874A
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/936,219
; FILING DATE: 27-AUG-1992
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE P4128684.7
; FILING DATE: 29-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Forman, David S.
; REGISTRATION NUMBER: 33,694
; REFERENCE/DOCKET NUMBER: 05552-1210-04000
; TELEPHONE: 202-408-4000
; TELEFAX: 202-408-4400
; INFORMATION FOR SEQ ID NO: 41:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-460-874A-41

Query Match 64.4%; Score 29; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 35;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 TPVNP 7
Db 5 TPVNP 9

RESULT 6
US-08-388-883B-41
; Sequence 41, Application US/08388883B
; Patent No. 5859185
; GENERAL INFORMATION:
; APPLICANT: ST BER, Werner
; APPLICANT: WIECZOREK, Leszek
; APPLICANT: ZIEGELMAIER, Robert
; TITLE OF INVENTION: HCMV-Specific Peptides, Agents Therefor
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; ADDRESSEE: Dunner L.L.P.
; STREET: 1300 I Street, N.W., Suite 700
; CITY: Washington,
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/388,883B
; FILING DATE: 13-FEB-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/300,305
; FILING DATE: 23-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/936,219
; FILING DATE: 27-AUG-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE P4128684.7
; FILING DATE: 29-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Forman, David S.
; REGISTRATION NUMBER: 33,694
; REFERENCE/DOCKET NUMBER: 5552-1210-02000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-408-4000
; TELEFAX: 202-408-4400
; INFORMATION FOR SEQ ID NO: 41:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-388-883B-41

Query Match 64.4%; Score 29; DB 2; Length 14;
Best Local Similarity 100.0%; Pred. No. 35;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 TPVNP 7
Db 5 TPVNP 9

RESULT 7
US-08-462-211A-41
; Sequence 41, Application US/08462211A
; Patent No. 6143493
; GENERAL INFORMATION:
; APPLICANT: Stuber, Werner

```

; APPLICANT: Wleczorek, Leszek
; APPLICANT: Ziegelmaier, Robert
; TITLE OF INVENTION: HCMV-Specific Peptides, Agents Therefor
; TITLE OF INVENTION: and the Use Thereof
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; ADDRESSEE: Dunner L.L.P.
; STREET: 1300 I Street, N.W., Suite 700
; CITY: Washington,
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/462,211A
; FILING DATE: 05-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/388,883
; FILING DATE: 13-FEB-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/300,305
; FILING DATE: 23-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/936,219
; FILING DATE: 27-AUG-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE P4128684.7
; FILING DATE: 29-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Forman, David S.
; REGISTRATION NUMBER: 33,694
; REFERENCE/DOCKET NUMBER: 5552.1210-03000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-408-4000
; TELEFAX: 202-408-4400
; INFORMATION FOR SEQ ID NO: 41:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-462-211A-41

Query Match 64.4%; Score 29; DB 4; Length 14;
Best Local Similarity 100.0%; Pred. No. 35;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 TPVNP 7
DB 5 TPVNP 9

RESULT 8
US-08-460-874A-10
; Sequence 10, Application US/08460874A
; Patent No. 5744298
; GENERAL INFORMATION:
; APPLICANT: Stuber, Werner
; APPLICANT: Wleczorek, Leszek
; APPLICANT: Ziegelmaier, Robert
; TITLE OF INVENTION: HCMV-Specific Peptides, Agents Therefor
; TITLE OF INVENTION: and the Use Thereof
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; ADDRESSEE: Dunner
; STREET: 1300 I Street, N.W., Suite 700
; CITY: Washington,

```

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; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/460,874A
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/936,219
; FILING DATE: 27-AUG-1992
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE P4128684.7
; FILING DATE: 29-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Forman, David S.
; REGISTRATION NUMBER: 33,694
; REFERENCE/DOCKET NUMBER: 05552-1210-04000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-408-4000
; TELEFAX: 202-408-4400
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-460-874A-10

Query Match 64.4%; Score 29; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 48;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 TPVNP 7
DB 15 TPVNP 19

RESULT 9
US-08-388-883B-10
; Sequence 10, Application US/08388883B
; Patent No. 5859185
; GENERAL INFORMATION:
; APPLICANT: ST BER, Werner
; APPLICANT: WIECZOREK, Leszek
; APPLICANT: ZIEGELMAIER, Robert
; TITLE OF INVENTION: HCMV-Specific Peptides, Agents Therefor
; TITLE OF INVENTION: and the Use Thereof
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; ADDRESSEE: Dunner L.L.P.
; STREET: 1300 I Street, N.W., Suite 700
; CITY: Washington,
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/388,883B
; FILING DATE: 13-FEB-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/300,305

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;; FILING DATE: 23-FEB-1994
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 07/936,219
;; FILING DATE: 27-AUG-1992
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: DE P4128684.7
;; FILING DATE: 29-AUG-1991
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Forman, David S.
;; REGISTRATION NUMBER: 33,694
;; REFERENCE/DOCKET NUMBER: 5552-1210-02000
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 202-408-4000
;; TELEFAX: 202-408-4400
;; INFORMATION FOR SEQ ID NO: 10:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 19 amino acids
;; TYPE: amino acid
;; TOPOLOGY: linear
;; MOLECULE TYPE: peptide
US-08-388-883B-10

Query Match 64.4%; Score 29; DB 2; Length 19;
Best Local Similarity 100.0%; Pred. No. 48;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 TPVNP 7
Db 15 TPVNP 19
|||||

RESULT 10
US-08-462-211A-10
; Sequence 10, Application US/08462211A
; Patent No. 6143493
; GENERAL INFORMATION:
; APPLICANT: Stuber, Werner
; APPLICANT: Wiczorek, Leszek
; TITLE OF INVENTION: HCMV-Specific Peptides, Agents Thereof
; TITLE OF INVENTION: and the Use Thereof
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; ADDRESSEE: Dunner L.L.P.
; STREET: 1300 I Street, N.W., Suite 700
; CITY: Washington,
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/462,211A
; FILING DATE: 05-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/388,883
; FILING DATE: 13-FEB-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/300,305
; FILING DATE: 23-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/936,219
; FILING DATE: 27-AUG-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE P4128684.7
; FILING DATE: 29-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Forman, David S.
; REGISTRATION NUMBER: 33,694

;; REFERENCE/DOCKET NUMBER: 5552.1210-03000
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 202-408-4000
;; TELEFAX: 202-408-4400
;; INFORMATION FOR SEQ ID NO: 10:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 19 amino acids
;; TYPE: amino acid
;; TOPOLOGY: linear
;; MOLECULE TYPE: peptide
US-08-462-211A-10

Query Match 64.4%; Score 29; DB 4; Length 19;
Best Local Similarity 100.0%; Pred. No. 48;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 TPVNP 7
Db 15 TPVNP 19
|||||

RESULT 11
US-08-935-009A-5
; Sequence 5, Application US/08935009A
; Patent No. 6177241
; GENERAL INFORMATION:
; APPLICANT: Maine, Gregory T.
; TITLE OF INVENTION: USE OF PEPTIDES TO IMPROVE
; TITLE OF INVENTION: SPECIFICITY OF AN ENZYME IMMUNOASSAY FOR
; TITLE OF INVENTION: THE DETECTION OF HERPESVIRUS SPECIFIC IGM ANTIBODY
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Abbott Laboratories
; STREET: 100 Abbott Park Road
; CITY: Abbott Park
; STATE: IL
; COUNTRY: USA
; ZIP: 60064
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/935,009A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Weinstein, David L
; REGISTRATION NUMBER: 28,128
; REFERENCE/DOCKET NUMBER: 6186.US.01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 847-937-6182
; TELEFAX: 847-938-2623
; TELEX:
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: No. 6177241e
US-08-935-009A-5

Query Match 64.4%; Score 29; DB 4; Length 20;
Best Local Similarity 100.0%; Pred. No. 51;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 TPVNP 7
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Db 3 TPVNP 7

RESULT 12
US-09-294-457-5
; Sequence 5, Application US/09294457
; Patent No. 6348567
; GENERAL INFORMATION:
; APPLICANT: Krystal, Gerald
; APPLICANT: Rabkin, Simon W.
; TITLE OF INVENTION: No. 6348567el. peptides and Their Use to
; TITLE OF INVENTION: Ameliorate Cell Death
; FILE REFERENCE: 50216/003003
; CURRENT APPLICATION NUMBER: US/09/294,457
; PRIOR FILING DATE: 1999-04-19
; PRIOR APPLICATION NUMBER: US 08/759,599
; PRIOR FILING DATE: 1996-12-05
; PRIOR APPLICATION NUMBER: US 60/008,233
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 16
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic polypeptide
US-09-294-457-5

Query Match 62.2%; Score 28; DB 4; Length 16;
Best Local Similarity 57.1%; Pred. No. 60;
Matches 4; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1 EMTVPNP 7
Db 9 QFTPLNP 15

RESULT 13
US-08-759-599-5
; Sequence 5, Application US/08759599
; Patent No. 5917013
; GENERAL INFORMATION:
; APPLICANT: Rabkin, Simon
; APPLICANT: Krystal, Gerald
; TITLE OF INVENTION: NOVEL PEPTIDES AND THEIR USE TO
; TITLE OF INVENTION: AMELIORATE CELL DEATH
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEED and BERRY LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/759,599
; FILING DATE: 05-DEC-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: McMahsters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 780059.401
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; TELE: 3723836
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 amino acids
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; QUERY MATCH
; BEST LOCAL SIMILARITY 57.1%;
; PRED. NO. 60;
; MATCHES 4;
; CONSERVATIVE 2;
; MISMATCHES 1;
; INDELS 0;
; GAPS 0;

; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-759-599-5

Query Match 62.2%; Score 28; DB 2; Length 18;
Best Local Similarity 57.1%; Pred. No. 67;
Matches 4; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1 EMTVPNP 7
Db 9 QFTPLNP 15

RESULT 14
US-08-937-067-19
; Sequence 19, Application US/08937067
; Patent No. 6433155
; GENERAL INFORMATION:
; APPLICANT: Umansky, Samuil
; APPLICANT: Melkonian, Hovsep
; TITLE OF INVENTION: A FAMILY OF GENES ENCODING
; TITLE OF INVENTION: APOPTOSIS-RELATED PEPTIDES;
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/937,067
; FILING DATE:
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Lehnhardt, Susan K.
; REGISTRATION NUMBER: 33,943
; REFERENCE/DOCKET NUMBER: 23647-20018.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 813-5600
; TELEFAX: (650) 494-0792
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 amino acids
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; QUERY MATCH
; BEST LOCAL SIMILARITY 57.1%;
; PRED. NO. 71;
; MATCHES 5;
; CONSERVATIVE 0;
; MISMATCHES 1;
; INDELS 0; Gaps 0;

PEPTIDES ENCODED THEREBY

Query Match 62.2%; Score 28; DB 4; Length 19;
Best Local Similarity 83.3%; Pred. No. 71;
Matches 5; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2 MTPVNP 7
Db 3 MTPVNP 8

RESULT 15
US-07-965-667A-19
; Sequence 19, Application US/07965667A
; Patent No. 5736315
; GENERAL INFORMATION:

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// APPLICANT: Fields, Howard A.
// APPLICANT: Favorov, Michael O.
// APPLICANT: Khudvakov, Yuri E.
// TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DETECTING
// TITLE OF INVENTION: ANTI-HEPATITIS E VIRUS ACTIVITY
// NUMBER OF SEQUENCES: 20
// CORRESPONDENCE ADDRESS:
// ADDRESSEE: NEEDLE & ROSENBERG, P.C.
// STREET: 133 Carnegie Way, N.W., Suite 400
// CITY: Atlanta
// STATE: Georgia
// COUNTRY: USA
// ZIP: 30303
// COMPUTER READABLE FORM:
// MEDIUM TYPE: Floppy disk
// COMPUTER: IBM PC compatible
// OPERATING SYSTEM: PC-DOS/MS-DOS
// SOFTWARE: Patentin Release #1.0, Version #1.25
// CURRENT APPLICATION DATA:
// APPLICATION NUMBER: US/07/965,667A
// FILING DATE:
// CLASSIFICATION: 514
// ATTORNEY/AGENT INFORMATION:
// NAME: Spratt, Gwendolyn D.
// REGISTRATION NUMBER: E36,016
// REFERENCE/DOCKET NUMBER: 1414,022
// TELECOMMUNICATION INFORMATION:
// TELEPHONE: (404) 688-0770
// TELEFAX: (404) 688-9880
// INFORMATION FOR SEQ ID NO: 19:
// SEQUENCE CHARACTERISTICS:
// LENGTH: 15 amino acids
// TYPE: amino acid
// STRANDEDNESS: single
// TOPOLOGY: linear
// MOLECULE TYPE: peptide
// US-07-965-667A-19

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Query Match      60.0%; Score 27; DB 1; Length 15;
Best Local Similarity 57.1%; Pred. No. 82;
Matches 4; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

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QY 2 MTPVNP 8
   | : | : |
Db 7 MSPLRPG 13

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Search completed: December 10, 2002, 11:44:01
Job time : 9.14286 secs

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GenCore version 5.1.3
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OM protein - protein search, using sw model

Run on: December 10, 2002, 11:37:12 ; Search time 10.2857 Seconds
(without alignments)
25.745 Million cell updates/sec

Title: US-09-872-623-11
Perfect score: 50
Sequence: 1 EMTVPNPGQ 9

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 132970

Minimum DB seq length: 0
Maximum DB seq length: 20

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents AA.*
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3: /cgn2_6/ptodata/1/1aa/6A_COMB.pep.*
4: /cgn2_6/ptodata/1/1aa/6B_COMB.pep.*
5: /cgn2_6/ptodata/1/1aa/PCTUS_COMB.pep.*
6: /cgn2_6/ptodata/1/1aa/backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	45	90.0	8	1	US-08-636-386-4
2	45	90.0	8	5	PCT-US95-13848-4
3	45	90.0	10	1	US-08-636-386-5
4	45	90.0	10	5	PCT-US95-13848-5
5	30	60.0	16	1	US-07-942-245-115
6	30	60.0	16	1	US-07-942-245-116
7	29	58.0	14	1	US-08-460-874A-41
8	29	58.0	14	2	US-08-388-883B-41
9	29	58.0	14	4	US-08-462-211A-41
10	29	58.0	19	1	US-08-460-874A-10
11	29	58.0	19	2	US-08-388-883B-10
12	29	58.0	19	4	US-08-462-211A-10
13	29	58.0	20	4	US-08-935-009A-5
14	28	56.0	16	4	US-09-294-457-5
15	28	56.0	18	2	US-08-759-599-5
16	28	56.0	19	4	US-08-937-067-19
17	27	54.0	15	1	US-07-965-667A-19
18	27	54.0	15	3	US-08-484-819-19
19	27	54.0	15	5	PCT-US93-10197-19
20	26	52.0	9	1	US-08-178-570-36
21	26	52.0	9	1	US-08-146-145-24
22	26	52.0	9	3	US-08-369-643-36
23	26	52.0	9	5	PCT-US95-00147-36
24	26	52.0	12	2	US-08-934-222-25
25	26	52.0	12	2	US-08-933-402-25
26	26	52.0	12	2	US-09-207-621-25
27	26	52.0	12	2	US-08-532-818-25

28	52.0	12	3	US-09-231-797-25	Sequence 25, Appl
29	52.0	12	3	US-08-934-224-25	Sequence 25, Appl
30	52.0	12	3	US-08-933-843-25	Sequence 25, Appl
31	52.0	12	4	US-08-934-223-25	Sequence 25, Appl
32	52.0	12	4	US-09-413-492-25	Sequence 25, Appl
33	52.0	14	2	US-08-574-959A-12	Sequence 12, Appl
34	52.0	14	4	US-09-357-014-12	Sequence 12, Appl
35	52.0	15	2	US-08-484-905-30	Sequence 30, Appl
36	52.0	15	3	US-08-481-985B-30	Sequence 30, Appl
37	52.0	15	4	US-08-370-476-30	Sequence 30, Appl
38	52.0	15	4	US-08-992-877-10	Sequence 10, Appl
39	52.0	16	1	US-07-942-245-187	Sequence 187, App
40	52.0	19	4	US-09-636-735A-13	Sequence 13, Appl
41	52.0	19	4	US-09-441-502B-93	Sequence 93, Appl
42	52.0	19	4	US-09-441-502B-94	Sequence 94, Appl
43	50.0	6	6	5194592-28	Patent No. 5194592
44	50.0	7	6	5194592-74	Patent No. 5194592
45	50.0	9	6	5194592-44	Patent No. 5194592

ALIGNMENTS

RESULT 1
US-08-636-386-4
; Sequence 4, Application US/08636386
; Patent No. 5707963
; GENERAL INFORMATION:
; APPLICANT: Mizejewski, Gerald J.
; TITLE OF INVENTION: GROWTH INHIBITORY PEPTIDE AND METHODS OF
; TITLE OF INVENTION: USING SAME
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP
; STREET: Clinton Square, P.O. Box 1051
; CITY: Rochester
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 14603-1051
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/636,386
; FILING DATE: 23-APR-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/329,506
; FILING DATE: 26-OCT-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/13848
; FILING DATE: 25-OCT-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Timian, Susan
; REGISTRATION NUMBER: 34,103
; REFERENCE/DOCKET NUMBER: 20894/42
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (716) 263-1634
; TELEFAX: (716) 263-1600
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 8 amino acids
; TYPE: amino acid
; STRANDEDNESS: not relevant
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-636-386-4

Query Match 90.0%; Score 45; DB 1; Length 8;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EMTVPNPG 8
|||||||

DB 1 EMTVPNPG 8

RESULT 2

PCT-US95-13848-4

; Sequence 4, Application PC/TUS9513848
; GENERAL INFORMATION:
; APPLICANT: HEALTH RESEARCH, INCORPORATED and MIZEJEWSKI, Gerald J.
; TITLE OF INVENTION: GROWTH INHIBITORY PEPTIDE AND METHODS OF
; TITLE OF INVENTION: USING SAME
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP
; STREET: P.O. Box 1051, Clinton Square
; CITY: Rochester
; STATE: New York
; COUNTRY: USA
; ZIP: 14603

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/13848
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/329,506
; FILING DATE: 26-OCT-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Timian, Susan J.
; REGISTRATION NUMBER: 34,103
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 716-263-1636
; TELEFAX: 716-263-1600

; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 8 amino acids
; TYPE: amino acid
; STRANDEDNESS: not relevant
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
PCT-US95-13848-4

Query Match 90.0%; Score 45; DB 5; Length 8;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 EMTVPNPG 8
|||||||

DB 1 EMTVPNPG 8

RESULT 3

US-08-636-386-5

; Sequence 5, Application US/08636386
; Patent No. 5707963

; GENERAL INFORMATION:
; APPLICANT: Mizejewski, Gerald J.
; TITLE OF INVENTION: GROWTH INHIBITORY PEPTIDE AND METHODS OF
; TITLE OF INVENTION: USING SAME
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP
; STREET: Clinton Square, P.O. Box 1051
; CITY: Rochester
; STATE: New York
; COUNTRY: U.S.A.

; ZIP: 14603-1051
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/636,386
; FILING DATE: 23-APR-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/329,506
; FILING DATE: 26-OCT-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/13848
; FILING DATE: 25-OCT-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Timian, Susan
; REGISTRATION NUMBER: 34,103
; REFERENCE/DOCKET NUMBER: 20894/42
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (716) 263-1634
; TELEFAX: (716) 263-1600

; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 10 amino acids
; TYPE: amino acid
; STRANDEDNESS: not relevant
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-636-386-5

Query Match 90.0%; Score 45; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 0.073;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 EMTVPNPG 8
|||||||

DB 2 EMTVPNPG 9

RESULT 4

PCT-US95-13848-5

; Sequence 5, Application PC/TUS9513848

; GENERAL INFORMATION:
; APPLICANT: HEALTH RESEARCH, INCORPORATED and MIZEJEWSKI, Gerald J.
; TITLE OF INVENTION: GROWTH INHIBITORY PEPTIDE AND METHODS OF
; TITLE OF INVENTION: USING SAME
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP
; STREET: P.O. Box 1051, Clinton Square
; CITY: Rochester
; STATE: New York
; COUNTRY: USA
; ZIP: 14603

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/13848
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/329,506
; FILING DATE: 26-OCT-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Timian, Susan J.
; REGISTRATION NUMBER: 34,103
; REFERENCE/DOCKET NUMBER: 20894/41
; TELECOMMUNICATION INFORMATION:

TELEPHONE: 716-263-1636
TELEFAX: 716-263-1600
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 amino acids
TYPE: amino acid
STRANDEDNESS: not relevant
TOPOLOGY: linear
MOLECULE TYPE: peptide
PCT-US95-13848-5

Query Match 90.0%; Score 45; DB 5; Length 10;
Best Local Similarity 100.0%; Pred. No. 0.073;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EMTVPNPG 8
Db 2 EMTVPNPG 9

RESULT 5
US-07-942-245-115
Sequence 115, Application US/07942245
Patent No. 5639641
GENERAL INFORMATION:
APPLICANT: PEDERSEN, Jan T.
APPLICANT: SEARLE, Stephen M.J.
APPLICANT: REES, Anthony R.
APPLICANT: ROGUSKA, Michael A.
APPLICANT: GUILD, Braydon C.
TITLE OF INVENTION: SURFACE RESIDUE VENEERING OF RODENT
NUMBER OF SEQUENCES: 522
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sughrue, Mion, Zinn, Macpeak & Seas
STREET: 2100 Pennsylvania Avenue, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: United States
ZIP: 20037-3202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: HP 9000/700 Workstation
OPERATING SYSTEM: UNIX
SOFTWARE: In house
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/942,245
FILING DATE: 09-SEP-1992
CLASSIFICATION: 530
TELEPHONE: (202) 293-7060
TELEFAX: (202) 293-7860
INFORMATION FOR SEQ ID NO: 115:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-07-942-245-115

Query Match 60.0%; Score 30; DB 1; Length 16;
Best Local Similarity 62.5%; Pred. No. 36;
Matches 5; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 2 MTPVNPQG 9
Db 1 VTPPSPQG 8

Query Match 60.0%; Score 30; DB 1; Length 16;
Best Local Similarity 62.5%; Pred. No. 36;
Matches 5; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 2 MTPVNPQG 9
Db 1 VTPPSPQG 8

RESULT 6
US-07-942-245-116
Sequence 116, Application US/07942245

Patent No. 5639641
GENERAL INFORMATION:
APPLICANT: PEDERSEN, Jan T.
APPLICANT: SEARLE, Stephen M.J.
APPLICANT: REES, Anthony R.
APPLICANT: ROGUSKA, Michael A.
APPLICANT: GUILD, Braydon C.
TITLE OF INVENTION: SURFACE RESIDUE VENEERING OF RODENT
NUMBER OF SEQUENCES: 522
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sughrue, Mion, Zinn, Macpeak & Seas
STREET: 2100 Pennsylvania Avenue, N.W.
CITY: Washington
STATE: D.C.
COUNTRY: United States
ZIP: 20037-3202
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: HP 9000/700 Workstation
OPERATING SYSTEM: UNIX
SOFTWARE: In house
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/942,245
FILING DATE: 09-SEP-1992
CLASSIFICATION: 530
TELEPHONE: (202) 293-7060
TELEFAX: (202) 293-7860
INFORMATION FOR SEQ ID NO: 116:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-07-942-245-116

Query Match 60.0%; Score 30; DB 1; Length 16;
Best Local Similarity 62.5%; Pred. No. 36;
Matches 5; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 2 MTPVNPQG 9
Db 1 VTPPSPQG 8

Query Match 60.0%; Score 30; DB 1; Length 16;
Best Local Similarity 62.5%; Pred. No. 36;
Matches 5; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

RESULT 7
US-08-460-874A-41
Sequence 41, Application US/08460874A
Patent No. 5744298
GENERAL INFORMATION:
APPLICANT: Stuber, Werner
APPLICANT: Wleczorek, Leszek
APPLICANT: Ziegelmaler, Robert
TITLE OF INVENTION: HCMV-Specific Peptides, Agents Therefor
TITLE OF INVENTION: and the Use Thereof
NUMBER OF SEQUENCES: 49
CORRESPONDENCE ADDRESS:
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
ADDRESSEE: Dunner
STREET: 1300 I Street, N.W., Suite 700
CITY: Washington,
STATE: D.C.
COUNTRY: USA
ZIP: 20005-3315
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA: US/08/460,874A

;; FILING DATE: 06-JUN-1995
;; CLASSIFICATION: 435
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 07/936,219
;; FILING DATE: 27-AUG-1992
;; CLASSIFICATION: 435
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: DE P4128684.7
;; FILING DATE: 29-AUG-1991
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Forman, David S.
;; REGISTRATION NUMBER: 33,694
;; REFERENCE/DOCKET NUMBER: 05552-1210-04000
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 202-408-4000
;; TELEFAX: 202-408-4400
;; INFORMATION FOR SEQ ID NO: 41:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 14 amino acids
;; TYPE: amino acid
;; TOPOLOGY: linear
;; MOLECULE TYPE: peptide
;; US-08-460-874A-41

Query Match 58.0%; Score 29; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 46;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 TPVNP 7
Db 5 TPVNP 9

RESULT 8

US-08-388-883B-41
; Sequence 41, Application US/08388883B
; Patent No. 5859185
; GENERAL INFORMATION:
; APPLICANT: ST BER, Werner
; APPLICANT: WIECZOREK, Leszek
; TITLE OF INVENTION: HCMV-Specific Peptides, Agents Therefor
; TITLE OF INVENTION: and the Use Thereof
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; ADDRESS: Dunner L.L.P.
; STREET: 1300 I Street, N.W., Suite 700
; CITY: Washington,
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/388,883B
; FILING DATE: 13-FEB-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/300,305
; FILING DATE: 23-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/936,219
; FILING DATE: 27-AUG-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE P4128684.7
; FILING DATE: 29-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Forman, David S.
; REGISTRATION NUMBER: 33,694

;; REFERENCE/DOCKET NUMBER: 5552-1210-02000
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 202-408-4000
;; TELEFAX: 202-408-4400
;; INFORMATION FOR SEQ ID NO: 41:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 14 amino acids
;; TYPE: amino acid
;; TOPOLOGY: linear
;; MOLECULE TYPE: peptide
;; US-08-388-883B-41

Query Match 58.0%; Score 29; DB 2; Length 14;
Best Local Similarity 100.0%; Pred. No. 46;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 TPVNP 7
Db 5 TPVNP 9

RESULT 9

US-08-462-211A-41
; Sequence 41, Application US/08462211A
; Patent No. 6143493
; GENERAL INFORMATION:
; APPLICANT: Stuber, Werner
; APPLICANT: WIECZOREK, Leszek
; TITLE OF INVENTION: HCMV-Specific Peptides, Agents Therefor
; TITLE OF INVENTION: and the Use Thereof
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; ADDRESS: Dunner L.L.P.
; STREET: 1300 I Street, N.W., Suite 700
; CITY: Washington,
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/462,211A
; FILING DATE: 05-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/388,883
; FILING DATE: 13-FEB-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/300,305
; FILING DATE: 23-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/936,219
; FILING DATE: 27-AUG-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE P4128684.7
; FILING DATE: 29-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Forman, David S.
; REGISTRATION NUMBER: 33,694
; REFERENCE/DOCKET NUMBER: 5552.1210-03000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-408-4000
; TELEFAX: 202-408-4400
; INFORMATION FOR SEQ ID NO: 41:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide

US-08-462-211A-41

Query Match 58.0%; Score 29; DB 4; Length 14;
Best Local Similarity 100.0%; Pred. No. 46;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 TPVNP 7
Db 5 TPVNP 9

RESULT 10
US-08-460-874A-10
; Sequence 10, Application US/08460874A
; Patent No. 5744298
; GENERAL INFORMATION:
; APPLICANT: Stuber, Werner
; APPLICANT: Wiczorek, Leszek
; APPLICANT: Ziegelmaier, Robert
; TITLE OF INVENTION: HCMV-Specific Peptides, Agents Therefor
; TITLE OF INVENTION: and the Use Thereof
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; ADDRESS: Dunner L.L.P., Suite 700
; STREET: 1300 I Street, N.W., Suite 700
; CITY: Washington,
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/460,874A
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/936,219
; FILING DATE: 27-AUG-1992
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE P4128684.7
; FILING DATE: 29-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Forman, David S.
; REGISTRATION NUMBER: 33,694
; REFERENCE/DOCKET NUMBER: 05552-1210-04000
; TELEPHONE: 202-408-4000
; TELEFAX: 202-408-4000
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-460-874A-10

Query Match 58.0%; Score 29; DB 1; Length 19;

Best Local Similarity 100.0%; Pred. No. 63;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 TPVNP 7
Db 15 TPVNP 19

RESULT 11
US-08-388-883B-10

; Sequence 10, Application US/08388883B

; Patent No. 5859185
; GENERAL INFORMATION:
; APPLICANT: ST BER, Werner
; APPLICANT: WICZOREK, Leszek
; APPLICANT: ZIEGELMAIER, Robert
; TITLE OF INVENTION: HCMV-Specific Peptides, Agents Therefor
; TITLE OF INVENTION: and the Use Thereof
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; ADDRESS: Dunner L.L.P., Suite 700
; STREET: 1300 I Street, N.W., Suite 700
; CITY: Washington,
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/388,883B
; FILING DATE: 13-FEB-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/300,305
; FILING DATE: 23-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/936,219
; FILING DATE: 27-AUG-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE P4128684.7
; FILING DATE: 29-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Forman, David S.
; REGISTRATION NUMBER: 33,694
; REFERENCE/DOCKET NUMBER: 5552-1210-02000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-408-4000
; TELEFAX: 202-408-4400
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-388-883B-10

Query Match 58.0%; Score 29; DB 2; Length 19;
Best Local Similarity 100.0%; Pred. No. 63;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 TPVNP 7
Db 15 TPVNP 19

RESULT 12
US-08-462-211A-10

; Sequence 10, Application US/08462211A
; Patent No. 6143493
; GENERAL INFORMATION:
; APPLICANT: Stuber, Werner
; APPLICANT: Wiczorek, Leszek
; APPLICANT: Ziegelmaier, Robert
; TITLE OF INVENTION: HCMV-Specific Peptides, Agents Therefor
; TITLE OF INVENTION: and the Use Thereof
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; ADDRESS: Dunner L.L.P., Suite 700
; STREET: 1300 I Street, N.W., Suite 700

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; CITY: Washington,
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/462.211A
; FILING DATE: 05-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/388.883
; FILING DATE: 13-FEB-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/300.305
; FILING DATE: 23-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/936.219
; FILING DATE: 27-AUG-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE P4128684.7
; FILING DATE: 29-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Forman, David S.
; REGISTRATION NUMBER: 33,694
; REFERENCE/DOCKET NUMBER: 5552.1210-03000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-408-4000
; TELEFAX: 202-408-4400
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; US-08-462-211A-10

Query Match 58.0%; Score 29; DB 4; Length 19;
Best Local Similarity 100.0%; Pred. No. 63;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 TPVNP 7
Db 15 TPVNP 19

RESULT 13
US-08-935-009A-5
; Sequence 5, Application US/08935009A
; Patent No. 6177241
; GENERAL INFORMATION:
; APPLICANT: Maine, Gregory T.
; TITLE OF INVENTION: USE OF PEPTIDES TO IMPROVE
; SPECIFICITY OF AN ENZYME IMMUNOASSAY FOR
; THE DETECTION OF HERPESVIRUS SPECIFIC IGM ANTIBODY
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Abbott Laboratories
; STREET: 100 Abbott Park Road
; CITY: Abbott Park
; STATE: IL
; COUNTRY: USA
; ZIP: 60064
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/935.009A
; FILING DATE:

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```

; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Weinstein, David L.
; REGISTRATION NUMBER: 28,128
; REFERENCE/DOCKET NUMBER: 6186.US.01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 847-937-6182
; TELEFAX: 847-938-2623
; TELEX:
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: No. 6177241e
; US-08-935-009A-5

Query Match 58.0%; Score 29; DB 4; Length 20;
Best Local Similarity 100.0%; Pred. No. 66;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 TPVNP 7
Db 3 TPVNP 7

RESULT 14
US-09-294-457-5
; Sequence 5, Application US/09294457
; Patent No. 6348567
; GENERAL INFORMATION:
; APPLICANT: Krystal, Gerald
; APPLICANT: Rabkin, Simon W.
; TITLE OF INVENTION: No. 6348567el peptides and Their Use to
; Ameliorate Cell Death
; FILE REFERENCE: 50216/003003
; CURRENT APPLICATION NUMBER: US/09/294,457
; CURRENT FILING DATE: 1999-04-19
; PRIOR APPLICATION NUMBER: US 08/759,599
; PRIOR FILING DATE: 1996-12-05
; PRIOR APPLICATION NUMBER: US 60/008,233
; PRIOR FILING DATE: 1995-12-06
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 16
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic polypeptide
; US-09-294-457-5

Query Match 56.0%; Score 28; DB 4; Length 16;
Best Local Similarity 57.1%; Pred. No. 77;
Matches 4; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1 EMTVPNP 7
Db 9 QFTPLNP 15

RESULT 15
US-08-759-599-5
; Sequence 5, Application US/08759599
; Patent No. 5917013
; GENERAL INFORMATION:
; APPLICANT: Rabkin, Simon
; APPLICANT: Krystal, Gerald
; TITLE OF INVENTION: NOVEL PEPTIDES AND THEIR USE TO

```

TITLE OF INVENTION: AMELIORATE CELL DEATH
 NUMBER OF SEQUENCES: 12
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: SEED and BERRY LLP
 STREET: 6300 Columbia Center, 701 Fifth Avenue
 CITY: Seattle
 STATE: Washington
 COUNTRY: US
 ZIP: 98104-7092
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/759,599
 FILING DATE: 05-DEC-1995
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Mcmasters, David D.
 REGISTRATION NUMBER: 33,963
 REFERENCE/DOCKET NUMBER: 780059.401
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (206) 622-4900
 TELEFAX: (206) 682-6031
 TELEX: 3723836
 INFORMATION FOR SEQ ID NO: 5:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 18 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 US-08-759-599-5

Query Match 56.0%; Score 28; DB 2; Length 18;
 Best Local Similarity 57.1%; Pred No. 87;
 Matches 4; Conservative 2; Mismatches 1; Indels 0; Gaps 0;
 QY 1 EMTVPNP 7
 Db 9 QFTPLNP 15

Search completed: December 10, 2002, 11:44:01
 Job time : 10.2857 secs

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OM protein - protein search, using sw model

Run on: December 10, 2002, 11:37:12 ; Search time 10.2857 Seconds
(without alignments)
25.745 Million cell updates/sec

Title: US-09-872-623-5

Perfect score: 50

Sequence: 1 EMTFVNPQG 9

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 132970

Minimum DB seq length: 0

Maximum DB seq length: 20

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued_Patents_AA.*

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2: /cgn2.6/prodata/1/1aa/5B_COMB.pep.*

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5: /cgn2.6/prodata/1/1aa/PCUS_COMB.pep.*

6: /cgn2.6/prodata/1/1aa/backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	45	90.0	8	1	US-08-636-386-4
2	45	90.0	8	5	PCT-US95-13848-4
3	45	90.0	10	1	US-08-636-386-5
4	45	90.0	10	5	PCT-US95-13848-5
5	30	60.0	16	1	US-07-942-245-115
6	30	60.0	16	1	US-07-942-245-116
7	29	58.0	14	1	US-08-460-874A-41
8	29	58.0	14	2	US-08-388-883B-41
9	29	58.0	14	4	US-08-462-211A-41
10	29	58.0	19	1	US-08-460-874A-10
11	29	58.0	19	2	US-08-388-883B-10
12	29	58.0	20	4	US-08-462-211A-10
13	29	58.0	20	4	US-08-935-009A-5
14	28	56.0	16	4	US-09-294-457-5
15	28	56.0	18	2	US-08-759-599-5
16	28	56.0	19	4	US-08-937-067-19
17	27	54.0	15	1	US-07-965-667A-19
18	27	54.0	15	3	US-08-484-819-19
19	27	54.0	15	5	PCT-US93-10197-19
20	26	52.0	9	1	US-08-178-570-36
21	26	52.0	9	1	US-08-146-145-24
22	26	52.0	9	3	US-08-369-643-36
23	26	52.0	9	5	PCT-US95-00147-36
24	26	52.0	12	2	US-08-934-222-25
25	26	52.0	12	2	US-08-933-402-25
26	26	52.0	12	2	US-09-207-621-25
27	26	52.0	12	2	US-08-532-818-25

Sequence 25, Appl
Sequence 25, Appl
Sequence 25, Appl
Sequence 25, Appl
Sequence 12, Appl
Sequence 12, Appl
Sequence 30, Appl
Sequence 30, Appl
Sequence 10, Appl
Sequence 187, App
Sequence 13, Appl
Sequence 93, Appl
Sequence 94, Appl
Patent No. 5194592
Patent No. 5194592

ALIGNMENTS

RESULT 1

US-08-636-386-4

; Sequence 4, Application US/08636386

; Patent No. 5707963

; GENERAL INFORMATION:

; APPLICANT: Mizejewski, Gerald J.

; TITLE OF INVENTION: GROWTH INHIBITORY PEPTIDE AND METHODS OF

; NUMBER OF SEQUENCES: 11

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP

; STREET: Clinton Square, P.O. Box 1051

; CITY: Rochester

; STATE: New York

; COUNTRY: U.S.A.

; ZIP: 14603-1051

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent in Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/636.386

; FILING DATE: 23-APR-1996

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/329,506

; FILING DATE: 26-OCT-1994

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: PCT/US95/13848

; FILING DATE: 25-OCT-1995

; ATTORNEY/AGENT INFORMATION:

; NAME: Timlan, Susan

; REGISTRATION NUMBER: 34,103

; REFERENCE/DOCKET NUMBER: 20894/42

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (716) 263-1634

; TELEFAX: (716) 263-1600

; INFORMATION FOR SEQ ID NO: 4:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 8 amino acids

; TYPE: amino acid

; STRANDEDNESS: not relevant

; TOPOLOGY: linear

; MOLECULE TYPE: peptide

US-08-636-386-4

Query Match 90.0%; Score 45; DB 1; Length 8;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EMTFVNPNG 8
Db 1 EMTFVNPNG 8

RESULT 2

PCT-US95-13848-4

; Sequence 4, Application PC/TUS9513848
; GENERAL INFORMATION:
; APPLICANT: HEALTH RESEARCH, INCORPORATED and MIZEJEWSKI, Gerald J.
; TITLE OF INVENTION: GROWTH INHIBITORY PEPTIDE AND METHODS OF
; TITLE OF INVENTION: USING SAME
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP
; STREET: P.O. Box 1051, Clinton Square
; CITY: Rochester
; STATE: New York
; COUNTRY: USA
; ZIP: 14603

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/13848
FILING DATE:
CLASSIFICATION:

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/329,506
FILING DATE: 26-OCT-1994

ATTORNEY/AGENT INFORMATION:
NAME: Timian, Susan J.

REGISTRATION NUMBER: 34,103
REFERENCE/DOCKET NUMBER: 20894/41
TELEPHONE: 716-263-1636
TELEFAX: 716-263-1636

INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 8 amino acids
TYPE: amino acid

STRANDEDNESS: not relevant
TOPOLOGY: linear
MOLECULE TYPE: peptide
PCT-US95-13848-4

Query Match 90.0%; Score 45; DB 5; Length 8;
Best Local Similarity 100.0%; Pred. No. 2e+05; Indels 0; Gaps 0;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EMTFVNPNG 8
Db 1 EMTFVNPNG 8

RESULT 3

US-08-636-386-5

; Sequence 5, Application US/08636386
; Patent No. 5707963
; GENERAL INFORMATION:

; APPLICANT: Mizejewski, Gerald J.
; TITLE OF INVENTION: GROWTH INHIBITORY PEPTIDE AND METHODS OF
; TITLE OF INVENTION: USING SAME
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP
; STREET: Clinton Square, P.O. Box 1051
; CITY: Rochester
; STATE: New York
; COUNTRY: U.S.A.

ZIP: 14603-1051
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/636,386
FILING DATE: 23-APR-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/329,506
FILING DATE: 26-OCT-1994

PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/13848
FILING DATE: 25-OCT-1995
ATTORNEY/AGENT INFORMATION:
NAME: Timian, Susan

REGISTRATION NUMBER: 34,103
REFERENCE/DOCKET NUMBER: 20894/42
TELEPHONE: (716) 263-1634
TELEFAX: (716) 263-1600

INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 amino acids
TYPE: amino acid

STRANDEDNESS: not relevant
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-636-386-5

Query Match 90.0%; Score 45; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 0.073; Indels 0; Gaps 0;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EMTFVNPNG 8
Db 2 EMTFVNPNG 9

RESULT 4

PCT-US95-13848-5

; Sequence 5, Application PC/TUS9513848
; GENERAL INFORMATION:

; APPLICANT: HEALTH RESEARCH, INCORPORATED and MIZEJEWSKI, Gerald J.
; TITLE OF INVENTION: GROWTH INHIBITORY PEPTIDE AND METHODS OF
; TITLE OF INVENTION: USING SAME
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP
; STREET: P.O. Box 1051, Clinton Square
; CITY: Rochester
; STATE: New York
; COUNTRY: USA
; ZIP: 14603

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US95/13848
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/329,506
FILING DATE: 26-OCT-1994
ATTORNEY/AGENT INFORMATION:

NAME: Timian, Susan J.
REGISTRATION NUMBER: 34,103
REFERENCE/DOCKET NUMBER: 20894/41
TELECOMMUNICATION INFORMATION:

TELEPHONE: 716-263-1636
 TELEFAX: 716-263-1600
 INFORMATION FOR SEQ ID NO: 5:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 10 amino acids
 TYPE: amino acid
 STRANDEDNESS: not relevant
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 PCT-US95-13848-5

Query Match 90.0%; Score 45; DB 5; Length 10;
 Best Local Similarity 100.0%; Pred. NO. 0.073;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EMTVPNPG 8
 Db 2 EMTVPNPG 9

RESULT 5
 US-07-942-245-115
 ; Sequence 115, Application US/07942245
 ; Patent No. 5639641

GENERAL INFORMATION:
 APPLICANT: PEDERSEN, Jan T.
 APPLICANT: SEARLE, Stephen M.J.
 APPLICANT: REES, Anthony R.
 APPLICANT: ROGUSKA, Michael A.
 APPLICANT: GUILD, Braydon C.
 TITLE OF INVENTION: SURFACE RESIDUE VENEERING OF RODENT
 NUMBER OF SEQUENCES: 522

CORRESPONDENCE ADDRESS:
 ADDRESSEE: Sughrue, Mion, Zinn, Macpeak & Seas
 STREET: 2100 Pennsylvania Avenue, N.W.
 CITY: Washington
 STATE: D.C.

COUNTRY: United States

ZIP: 20037-3202
 COMPUTER READABLE FORM:
 COMPUTER: HP 9000/700 Workstation
 OPERATING SYSTEM: UNIX
 SOFTWARE: In house
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/07/942,245
 FILING DATE: 09-SEP-1992
 CLASSIFICATION: 530

TELEPHONE: (202) 293-7060
 TELEFAX: (202) 293-7860
 TELEX: 6491103
 INFORMATION FOR SEQ ID NO: 115:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 16 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 US-07-942-245-115

Query Match 60.0%; Score 30; DB 1; Length 16;
 Best Local Similarity 62.5%; Pred. No. 36;
 Matches 5; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 2 MTPVNPQG 9
 Db 1 VTPPSPQG 8

RESULT 6
 US-07-942-245-116
 ; Sequence 116, Application US/07942245

Patent No. 5639641
 GENERAL INFORMATION:
 APPLICANT: PEDERSEN, Jan T.
 APPLICANT: SEARLE, Stephen M.J.
 APPLICANT: REES, Anthony R.
 APPLICANT: ROGUSKA, Michael A.
 APPLICANT: GUILD, Braydon C.
 TITLE OF INVENTION: SURFACE RESIDUE VENEERING OF RODENT
 NUMBER OF SEQUENCES: 522

CORRESPONDENCE ADDRESS:
 ADDRESSEE: Sughrue, Mion, Zinn, Macpeak & Seas
 STREET: 2100 Pennsylvania Avenue, N.W.
 CITY: Washington
 STATE: D.C.

COUNTRY: United States

ZIP: 20037-3202
 COMPUTER READABLE FORM:
 COMPUTER: HP 9000/700 Workstation
 OPERATING SYSTEM: UNIX
 SOFTWARE: In house
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/07/942,245
 FILING DATE: 09-SEP-1992
 CLASSIFICATION: 530

TELEPHONE: (202) 293-7060
 TELEFAX: (202) 293-7860
 TELEX: 6491103

INFORMATION FOR SEQ ID NO: 116:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 16 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 US-07-942-245-116

Query Match 60.0%; Score 30; DB 1; Length 16;
 Best Local Similarity 62.5%; Pred. No. 36;
 Matches 5; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 2 MTPVNPQG 9
 Db 1 VTPPSPQG 8

RESULT 7

US-08-460-874A-41
 ; Sequence 41, Application US/08460874A
 ; Patent No. 5744298

GENERAL INFORMATION:
 APPLICANT: Stuber, Werner
 APPLICANT: Wleczorek, Leszek
 APPLICANT: Ziegelmaier, Robert
 TITLE OF INVENTION: HCMV-Specific Peptides, Agents Therefor
 TITLE OF INVENTION: and the Use Thereof
 NUMBER OF SEQUENCES: 49
 CORRESPONDENCE ADDRESS:

ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
 ADDRESSEE: Dunner
 STREET: 1300 I Street, N.W., Suite 700
 CITY: Washington,
 STATE: D.C.

COUNTRY: USA
 ZIP: 20005-3315
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/460,874A

;; FILING DATE: 06-JUN-1995
;; CLASSIFICATION: 435
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 07/936,219
;; FILING DATE: 27-AUG-1992
;; CLASSIFICATION: 435
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: DE P4128684.7
;; FILING DATE: 29-AUG-1991
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Forman, David S.
;; REGISTRATION NUMBER: 33,694
;; REFERENCE/DOCKET NUMBER: 05552-1210-04000
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 202-408-4000
;; TELEFAX: 202-408-4400
;; INFORMATION FOR SEQ ID NO: 41:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 14 amino acids
;; TYPE: amino acid
;; TOPOLOGY: linear
;; MOLECULE TYPE: peptide
US-08-460-874A-41

Query Match 58.0%; Score 29; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 46;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 TPVNP 7
Db 5 TPVNP 9

RESULT 8

US-08-388-883B-41
; Sequence 41, Application US/08388883B
; Patent No. 5859185
; GENERAL INFORMATION:
; APPLICANT: ST BER, Werner
; APPLICANT: WIECZOREK, Leszek
; APPLICANT: ZIEGELMAIER, Robert
; TITLE OF INVENTION: HCMV-Specific Peptides, Agents Therefor
; TITLE OF INVENTION: and the Use Thereof
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; ADDRESSEE: Dunner L.L.P.
; STREET: 1300 I Street, N.W., Suite 700
; CITY: Washington,
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/388,883B
; FILING DATE: 13-FEB-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/300,305
; FILING DATE: 23-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/936,219
; FILING DATE: 27-AUG-1992
; INFORMATION FOR SEQ ID NO: 41:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
REGISTRATION NUMBER: 33,694

;; REFERENCE/DOCKET NUMBER: 5552-1210-02000
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 202-408-4000
;; TELEFAX: 202-408-4400
;; INFORMATION FOR SEQ ID NO: 41:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 14 amino acids
;; TYPE: amino acid
;; TOPOLOGY: linear
;; MOLECULE TYPE: peptide
US-08-388-883B-41

Query Match 58.0%; Score 29; DB 2; Length 14;
Best Local Similarity 100.0%; Pred. No. 46;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 TPVNP 7
Db 5 TPVNP 9

RESULT 9

US-08-462-211A-41
; Sequence 41, Application US/08462211A
; Patent No. 6143433
; GENERAL INFORMATION:
; APPLICANT: Stuber, Werner
; APPLICANT: WIECZOREK, Leszek
; APPLICANT: ZIEGELMAIER, Robert
; TITLE OF INVENTION: HCMV-Specific Peptides, Agents Therefor
; TITLE OF INVENTION: and the Use Thereof
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; ADDRESSEE: Dunner L.L.P.
; STREET: 1300 I Street, N.W., Suite 700
; CITY: Washington,
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/462,211A
; FILING DATE: 05-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/388,883
; FILING DATE: 13-FEB-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/300,305
; FILING DATE: 23-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/936,219
; FILING DATE: 27-AUG-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE P4128684.7
; FILING DATE: 29-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Forman, David S.
; REGISTRATION NUMBER: 33,694
; REFERENCE/DOCKET NUMBER: 5552.1210-03000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-408-4000
; TELEFAX: 202-408-4400
; INFORMATION FOR SEQ ID NO: 41:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide

US-08-462-211A-41

Query Match 58.0%; Score 29; DB 4; Length 14;
 Best Local Similarity 100.0%; Pred. No. 46;
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 TPVNP 7
 Db 5 TPVNP 9

RESULT 10

US-08-460-874A-10
 ; Sequence 10, Application US/08460874A
 ; Patent No. 5744298
 ; GENERAL INFORMATION:
 ; APPLICANT: Stuber, Werner
 ; APPLICANT: Wiczorek, Leszek
 ; APPLICANT: Ziegelmaier, Robert
 ; TITLE OF INVENTION: HCMV-Specific Peptides, Agents Therefor
 ; NUMBER OF SEQUENCES: 49
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
 ; ADDRESS: Dunner L.L.P.
 ; STREET: 1300 I Street, N.W., Suite 700
 ; CITY: Washington,
 ; STATE: D.C.
 ; COUNTRY: USA
 ; ZIP: 20005-3315
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent In Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/460,874A
 ; FILING DATE: 06-JUN-1995
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 07/936,219
 ; FILING DATE: 27-AUG-1992
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: DE P4128684.7
 ; FILING DATE: 29-AUG-1991
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Forman, David S.
 ; REGISTRATION NUMBER: 33,694
 ; REFERENCE/DOCKET NUMBER: 05552-1210-04000
 ; TELEPHONE: 202-408-4000
 ; TELEFAX: 202-408-4000
 ; INFORMATION FOR SEQ ID NO: 10:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 19 amino acids
 ; TYPE: amino acid
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: peptide
 ; US-08-460-874A-10

Query Match 58.0%; Score 29; DB 1; Length 19;
 Best Local Similarity 100.0%; Pred. No. 63;
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 TPVNP 7
 Db 15 TPVNP 19

RESULT 11

US-08-388-883B-10
 ; Sequence 10, Application US/08388883B

Patent No. 5859185
 ; GENERAL INFORMATION:
 ; APPLICANT: ST BER, Werner
 ; APPLICANT: WICZOREK, Leszek
 ; APPLICANT: ZIEGELMAIER, Robert
 ; TITLE OF INVENTION: HCMV-Specific Peptides, Agents Therefor
 ; NUMBER OF SEQUENCES: 49
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
 ; ADDRESS: Dunner L.L.P.
 ; STREET: 1300 I Street, N.W., Suite 700
 ; CITY: Washington,
 ; STATE: D.C.
 ; COUNTRY: USA
 ; ZIP: 20005-3315
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent In Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/388,883B
 ; FILING DATE: 13-FEB-1995
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 08/300,305
 ; FILING DATE: 23-FEB-1994
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 07/936,219
 ; FILING DATE: 27-AUG-1992
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: DE P4128684.7
 ; FILING DATE: 29-AUG-1991
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Forman, David S.
 ; REGISTRATION NUMBER: 33,694
 ; REFERENCE/DOCKET NUMBER: 5552-1210-02000
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 202-408-4000
 ; TELEFAX: 202-408-4400
 ; INFORMATION FOR SEQ ID NO: 10:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 19 amino acids
 ; TYPE: amino acid
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: peptide
 ; US-08-388-883B-10

Query Match 58.0%; Score 29; DB 2; Length 19;
 Best Local Similarity 100.0%; Pred. No. 63;
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 TPVNP 7
 Db 15 TPVNP 19

RESULT 12

US-08-462-211A-10
 ; Sequence 10, Application US/08462211A
 ; Patent No. 6143493
 ; GENERAL INFORMATION:
 ; APPLICANT: Stuber, Werner
 ; APPLICANT: Wiczorek, Leszek
 ; APPLICANT: Ziegelmaier, Robert
 ; TITLE OF INVENTION: HCMV-Specific Peptides, Agents Therefor
 ; NUMBER OF SEQUENCES: 49
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
 ; ADDRESS: Dunner L.L.P.
 ; STREET: 1300 I Street, N.W., Suite 700

;; CITY: Washington,
;; STATE: D.C.
;; COUNTRY: USA
;; ZIP: 20005-3315
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/462,211A
;; FILING DATE: 05-JUN-1995
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/388,883
;; FILING DATE: 13-FEB-1995
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/300,305
;; FILING DATE: 23-FEB-1994
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 07/936,219
;; FILING DATE: 27-AUG-1992
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: DE P4128684.7
;; FILING DATE: 29-AUG-1991
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Forman, David S.
;; REGISTRATION NUMBER: 33,694
;; REFERENCE/DOCKET NUMBER: 5552.1210-03000
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 202-408-4000
;; TELEFAX: 202-408-4400
;; INFORMATION FOR SEQ ID NO: 10:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 19 amino acids
;; TYPE: amino acid
;; TOPOLOGY: linear
;; MOLECULE TYPE: peptide
;; US-08-462-211A-10

Query Match 58.0%; Score 29; DB 4; Length 19;
Best Local Similarity 100.0%; Pred. No. 63;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 TPVNP 7
Db 15 TPVNP 19

RESULT 13
US-08-935-009A-5
; Sequence 5, Application US/08935009A
; Patent No. 6177241
; GENERAL INFORMATION:
; APPLICANT: Maine, Gregory T.
; TITLE OF INVENTION: USE OF PEPTIDES TO IMPROVE
; TITLE OF INVENTION: SPECIFICITY OF AN ENZYME IMMUNOASSAY FOR
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Abbott Laboratories
; STREET: 100 Abbott Park Road
; CITY: Abbott Park
; STATE: IL
; COUNTRY: USA
; ZIP: 60064
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/935,009A
; FILING DATE:

;; CLASSIFICATION: 435
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER:
;; FILING DATE:
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Weinstein, David L.
;; REGISTRATION NUMBER: 28,128
;; REFERENCE/DOCKET NUMBER: 6186.US.01
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 847-937-6182
;; TELEFAX: 847-938-2623
;; TELEX:
;; INFORMATION FOR SEQ ID NO: 5:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 20 amino acids
;; TYPE: amino acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: No. 6177241e
;; US-08-935-009A-5

Query Match 58.0%; Score 29; DB 4; Length 20;
Best Local Similarity 100.0%; Pred. No. 66;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 TPVNP 7
Db 3 TPVNP 7

RESULT 14
US-09-294-457-5
; Sequence 5, Application US/09294457
; Patent No. 6348567
; GENERAL INFORMATION:
; APPLICANT: Krystal, Gerald
; APPLICANT: Rabkin, Simon W.
; TITLE OF INVENTION: No. 6348567el Peptides and Their Use to
; FILE OF INVENTION: Ameliorate Cell Death
; FILE REFERENCE: 50216/003003
; CURRENT APPLICATION NUMBER: US/09/294,457
; CURRENT FILING DATE: 1999-04-19
; PRIOR APPLICATION NUMBER: US 08/759,599
; PRIOR FILING DATE: 1996-12-05
; PRIOR APPLICATION NUMBER: US 60/008,233
; PRIOR FILING DATE: 1995-12-06
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 16
; TYPE: PPT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic polypeptide
; US-09-294-457-5

Query Match 56.0%; Score 28; DB 4; Length 16;
Best Local Similarity 57.1%; Pred. No. 77;
Matches 4; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1 EMTVPNP 7
Db 9 QFTPLNP 15

RESULT 15
US-08-759-599-5
; Sequence 5, Application US/08759599
; Patent No. 5917013
; GENERAL INFORMATION:
; APPLICANT: Rabkin, Simon
; APPLICANT: Krystal, Gerald
; TITLE OF INVENTION: NOVEL PEPTIDES AND THEIR USE TO

```

; TITLE OF INVENTION: AMELIORATE CELL DEATH
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEED and GERRY LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/759,599
; FILING DATE: 05-DEC-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Mcmasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 780059.401
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; TELEX: 3723836
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; US-08-759-599-5

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Query Match      56.03; Score 28; DB 2; Length 18;
Best Local Similarity 57.13; Pred. No. 87;
Matches 4; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1 EMTVPNP 7
   : |||
Db 9 QFTPLNP 15

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Search completed: December 10, 2002, 11:44:01
Job time : 11.2857 secs

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